

DECLARATION AND POWER OF ATTORNEY  
IN COPENDING APPLICATION  
CONTAINING ADDITIONAL SUBJECT MATTER

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Attorney Docket No. 22660-0021

As a below named joint inventor, each of us hereby declares as follows:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**APPARATUS FOR PERFORMING HEAT-EXCHANGING, CHEMICAL REACTIONS**

the specification of which is identified with Attorney Docket No. 22660-0021. I have reviewed and understand the contents of the above-identified specification, including the claims.

This application [in part] discloses and claims subject matter disclosed in my earlier filed co-pending application Ser. No. 09/194,374 filed November 24, 1998, of which I claim the benefit under 35 USC §120 [or 119(e)].

I acknowledge the duty to disclose information of which I am aware that is material to the examination of this application in accordance with 37 CFR §1.56(a), including material information which occurred between the filing date of said prior application and the filing date of this [continuation-in-part] application, insofar as the subject matter of the claims is not disclosed in said prior application in the manner provided by 35 USC §112, first paragraph.

That, as to the subject matter of this application which is common to said earlier application, I do not know and do not believe: that this invention was ever known or used in the United States of America before our invention thereof; that this invention was patented or described in any printed publication in any country before our invention thereof or more than one year prior to said application; that this invention was in public use or on sale in the United States of America more than one year prior to said application; that this invention has been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to said application; nor that any application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to said application by me or my legal representatives or assigns.

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Attorney Docket No. 22660-0021

That, as to the subject matter of this application which is not common to said earlier application, I do not know and do not believe: that this invention was ever known or used in the United States of America before our invention thereof; that this invention was patented or described in any printed publication in any country before our invention thereof or more than one year prior to this application; that this invention was in public use or on sale in the United States of America more than one year prior to this application; that this invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; nor that any application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint the following to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

William B. Anderson, Registration No. 41,595  
Y. P. Chow, Registration No. 30,740  
Robert F. Dennis, Registration No. 40,988  
Jacques M. Dulin, Registration No. 24,067  
Derek P. Freyberg, Registration No. 29,250  
Alicia J. Hager, Registration No. P-44,140  
Walter Kurz, Registration No. 37,373  
Edward Lynch, Registration No. 24,422  
Priscilla H. Mark, Registration No. 41,970  
William Schmonsees, Registration No. 31,796  
Herwig von Morzé, Registration No. 29,484  
Mark B. Floyd, Registration No. 41,022

Direct all telephone calls to: William Schmonsees at (650) 324-7041  
Address all written correspondence to:

Heller Ehrman White & McAuliffe  
525 University Avenue  
Palo Alto, CA 94301-1900.


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Attorney Docket No. 22660-0021


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

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FIRST JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Ronald Chang		12/14/99
RESIDENCE		CITIZENSHIP
3312 Hoover Street		USA
Redwood City, CA 94063		

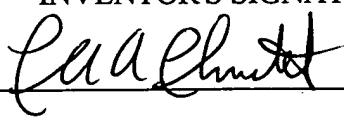
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SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Douglas B. Dority		12/20/99
RESIDENCE		CITIZENSHIP
25 Castle Rock Drive		USA
Mill Valley, CA 94941		

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THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Lee A. Christel		12/20/99
RESIDENCE		CITIZENSHIP
3747 La Donna Street		USA
Palo Alto, CA 94306		

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DECLARATION AND POWER OF ATTORNEY  
IN COPENDING APPLICATION  
CONTAINING ADDITIONAL SUBJECT MATTER

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Attorney Docket No. 22660-0021

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FOURTH JOINT INVENTOR

INVENTOR'S SIGNATURE

DATE

Robert Yuan



12-20-99

RESIDENCE

CITIZENSHIP

2234 Semeria Avenue  
Belmont, CA 94002

USA

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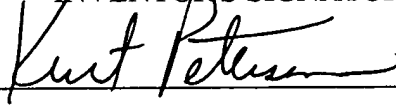
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FIFTH JOINT INVENTOR

INVENTOR'S SIGNATURE

DATE

Kurt E. Petersen



12-20-99

RESIDENCE

CITIZENSHIP

3655 Valley Ridge Lane  
San Jose, CA 95148

USA

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RECEIVED

APR 10 2000

HEWM LLP - P.A.

MARCH 28, 2000



22660-0021 US  
UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

PTAS  
HELLER EHRMAN WHITE & MCAULIFFE  
525 UNIVERSITY AVENUE  
PALO ALTO CA 94301-1900



\*101242861A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/21/1999

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHANG, RONALD

DOC DATE: 12/14/1999

ASSIGNOR:  
DORITY, DOUGLAS B.

DOC DATE: 12/20/1999

ASSIGNOR:  
CHRISTEL, LEE A.

DOC DATE: 12/20/1999

ASSIGNOR:  
YUAN, ROBERT

DOC DATE: 12/20/1999

ASSIGNOR:  
PETERSEN, KURT E.

DOC DATE: 12/20/1999

ASSIGNEE:  
CEPHEID  
1190 BOREGAS AVENUE  
SUNNYVALE, CALIFORNIA 94089

HEWM LLP - SILICON VALLEY  
PATENT DOCKETING

APR 10 2000

DATABASE ENTRY  
BY                     

YPC/aew

010476/0985 PAGE 2

SERIAL NUMBER: 09468690  
PATENT NUMBER:

FILING DATE: 12/21/1999  
ISSUE DATE:

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RE

01-12-2000

SHEET



To the Assistant Commissioner for Patents: Plea:

101242861

thereof.

## 1. Name of conveying party(ies):

1. Ronald Chang
2. Douglas B. Dority
3. Lee A. Christel
4. Robert Yuan
5. Kurt E. Petersen

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Cepheid

Street Address: 1190 Boregas Avenue

City: Sunnyvale State: CA ZIP: 94089

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ ASSIGNMENT

Execution Date: 1. 12/14/99, 2. 12/20/99, 3. 12/20/99,

4. 12/20/99, 5. 12/20/99

## 4. Application number(s) or patent number(s):

09 468690

Attorney Docket No. 22660-0021

If this document is being filed together with a new application, the execution date of the application is: 12/21/99

A. Patent Application No.(s)

B. Patent No.(s)

S.N. (not yet assigned)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name : Heller Ehrman White &amp; McAuliffe

Street Address: 525 University Avenue

City: Palo Alto State: CA Zip: 94301-1900

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)..... \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account Number:

jc530 U.S. PTO  
09/468690  
12/21/99

ASSIGNMENT

WHEREAS, We, Ronald Chang, Douglas B. Dority, Lee A. Christel, Robert Yuan, and Kurt E. Petersen, have invented certain subject matter entitled "APPARATUS FOR PERFORMING HEAT-EXCHANGING, CHEMICAL REACTIONS" (the "Invention") for which the application for Letters Patent of the United States of America is filed herewith;

AND WHEREAS, Cepheid, a corporation of California, having an address at 1190 Borregas Avenue, Sunnyvale, CA 94089 ("CEPHEID") desires to perfect its right to the Invention and in the Letters Patent to be obtained therefor from the United States of America and all countries foreign thereto;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We acknowledge CEPHEID's interest in the Invention and hereby assign to CEPHEID for the United States of America and for all countries foreign thereto, all our rights, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in the Invention, as described and claimed in the application filed herewith, or in any continuation, division, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; the Invention, application and Letters Patent to be owned by CEPHEID, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent may be granted.



This assignment is effective as of the earlier of: (a) the date of my signature hereto, or (b) the filing date accorded by the United States Patent and Trademark Office to the application filed herewith, as indicated in the Filing Receipt for said application.

I have read and understand this Assignment document for the application filed herewith and agree hereto, as indicated by my signature as set forth below.

Signature Ronald Chang Date 12/14/99  
Ronald Chang

Address 3312 Hoover Street, Redwood City, CA 94063

Signature Douglas B. Dority Date 12/20/99  
Douglas B. Dority

Address 25 Castle Rock Drive, Mill Valley, CA 94941

Signature Lee A. Christel Date 12/20/99  
Lee A. Christel

Address 3747 La Donna Street, Palo Alto, CA 94306

Signature Robert Yuan Date 12-20-99  
Robert Yuan

Address 2234 Semeria Avenue, Belmont, CA 94002

Signature Kurt E. Petersen Date 12-20-99  
Kurt E. Petersen

Address 3655 Valley Ridge Lane, San Jose, CA 95148